

In the Specification

Page 5, line 8 of the second full paragraph; change

"adenine" to -- adenosine -- .

In the Claims

Rewrite claims 2 and 13 as follows:

2. (fourth amendment) A process for the preparation of a transgenic plant, which process comprises:

7/11/97
OFF

71

(i) transforming a plant cell with a chimaeric gene comprising (a) a promoter operably linked to (b) a deoxyribonucleic acid fragment comprising a coding sequence which encodes for an enzyme selected from the group consisting of phosphofructokinase[, pyruvate kinase, acid invertase, starch synthase,] and adenosine diphosphoglucose pyrophosphorylase[, 6-phosphofructokinase (pyrophosphate) and sucrose phosphate synthetase]; whereby there is caused a modification of the amount of a metabolic intermediate [in glycolysis or in a pathway for the synthesis or degradation of starch, sucrose or reducing sugar, and (ii)]

- 71
- (a) in the pre-existing intracellular pathway of glycolysis,
 - (b) in the pre-existing intracellular pathway for the synthesis or degradation of starch, or
 - (c) in the pre-existing intracellular pathway for the synthesis or degradation of sucrose or reducing sugar, and

(11) regenerating a plant from the transformed cell.

13. (fourth amendment) A transgenic plant which harbors in its cells a chimaeric gene which comprises;

- 72
- (a) a promoter operably linked to
 - (b) a deoxyribonucleic acid fragment comprising a coding sequence which encodes an enzyme selected from the group consisting of phosphofructokinase[, pyruvate kinase, acid invertase, starch synthase, 6-phosphofructokinase (pyrophosphate),] and adenosine diphosphoglucose pyrophosphorylase[, sucrose synthase and sucrose phosphate synthetase]; and which is capable of being expressed in the cells of the plant thus to cause a modification of the amount of a metabolic intermediate [in glycolysis or in a pathway for the synthesis or degradation of starch, sucrose or reducing sugar]

(i) in the pre-existing intracellular pathway of glycolysis,